

## Message Text

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ACTION EB-08

INFO OCT-01 EUR-12 ISO-00 DODE-00 NSAE-00 USIA-06  
TRSE-00 ERDA-05 CIAE-00 COME-00 /032 W  
-----104731 291109Z /13  
R 281836Z OCT 77  
FM AMEMBASSY PARIS  
TO SECSTATE WASHDC 0946

C O N F I D E N T I A L PARIS 31620

USOECD

EXCON

E.O. 11652: XGDS1  
TAGS: ESTC, COCOM, CZ, US  
SUBJ: US PORTABLE LOGIC CIRCUIT ANANLYZER TO CZECHOSLO-  
VAKIA - IL 1355

REFS: A) COCOM DOC. (77) 457, B) COCOM DOC. (77) 371,  
C) PARIS 20621, D) STATE 187861 AND 246393.

1. UKDEL HAS INFORMED US THAT UPON FURTHER REVIEW HIS  
AUTHORITIES NOW BELIEVE THAT EQUIPMENT CONTAINED IN REF-  
CASE A TO WHICH UK OBJECTED AND REFCASE B TO WHICH US  
OBJECTED, IS IN FACT UNEMBARGOED. BEFORE SUBMITTING MEMO-  
RANDUM RECORDING THIS POSITION IN COCOM HOWEVER, UKDEL  
WISHES TO HEAR US VIEWS THEREON.

2. DRAFT UK MEMORANDUM AS FOLLOWS;  
THE UNITED KINGDOM AUTHORITIES AGREE THAT THE DATA  
TEST 2400B AND THE MB 2420 ARE BOTH DESIGNED TO  
TEST THE SAME TYPE OF DEVICES, NAMELY PRINTED CIR-  
CUIT BOARDS THAT ARE MOUNTED WITH ELECTRONIC COMPO-  
NENTS AND THAT BOTH TESTERS ARE USED TO IDENTIFY  
"BAD" FROM "GOOD" UNITS. IT IS ALSO AGREED THAT THE  
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DATA TEST 2400B USES THE TRANSITION COUNT METHOD  
WHICH "ALLOWS THE OPERATOR TO ELIMINATE OBVIOUSLY  
NON-INVOLVED LOGIC PATHS AND COMPONENTS", WHEREAS  
THE MB 2420 USES A COMPUTER DIRECTED PROBE METHOD  
WHICH "FORCES THE OPERATOR TO PROBE ALL LOGICAL  
STAGES". AS WITH THE DATA TEST EQUIPMENT THE MB  
2420 ONLY FUNCTIONALLY CHECKS WHETHER A DIGITAL

LOGIC CIRCUIT IS "OPERATIONAL" OR "NOT OPERATIONAL" AND DOES NOT INCLUDE INTEGRATED CIRCUIT PARAMETER MEASUREMENT OR DYNAMIC OPERATIONAL PERFORMANCE MEASUREMENTS. THEREFORE THE UK DOES NOT AGREE THAT MB 2420 IS A PARAMETRIC TESTER. THE MB 2420 EQUIPMENT ALSO REQUIRES SPECIFIC DEDICATED PROGRAMMES TO TEST DIFFERENT TYPES OF LOGIC CIRCUIT AS DOES THE DATA TEST EQUIPMENT. THUS THE LATTER COULD BE EQUALLY WELL EMPLOYED IN PRODUCTION TESTING.

IN COCOM DOC. (77) 457 THE DATA TEST 2400 B WAS CLAIMED TO BE CAPABLE OF EXERCISING TERMINALS, EQUIPMENT AND MACHINES WHEREAS THE MB 2420 IS RESTRICTED TO PRINTED CIRCUIT(S) BOARDS.

FINALLY, AFTER CAREFUL CONSIDERATION, THE UK AUTHORITIES FEEL THAT THIS TYPE OF EQUIPMENT, IF LIMITED TO THE TESTING OF PRINTED CIRCUIT BOARDS, IS SPECIFICALLY EXCLUDED FROM IL 1355(B); IT DOES NOT TEST SEMI-CONDUCTOR DEVICES OR ELECTRONIC EQUIPMENT AND COMPONENTS COVERED BY IL 1564 II (A) AND (C) BUT ONLY PRINTED CIRCUIT BOARDS. THIS EQUIPMENT CANNOT CHECK ANY EMBARGOED DEVICE THAT MIGHT BE MOUNTED ON A PRINTED CIRCUIT BOARD AS IT HAS NO PARAMETRIC TEST CAPABILITY. THE EQUIPMENT THEREFORE HAS NO VALUE IN THE PRODUCTION OF SUCH DEVICES. IT IS THUS  
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LIMITED TO "GO" "NO GO" PRODUCTION TESTING OF PRINTED CIRCUIT BOARDS. THE TECHNOLOGY FOR THE MANUFACTURE OF THE LATTER IS NOT CONTROLLED AND THEREFORE ON RE-EXAMINATION THE UNITED KINGDOM AUTHORITIES CONSIDER THIS TYPE OF TESTER IS NOT COVERED NOR INDEED IS THERE ANY LIST ITEM UNDER WHICH IT COULD BE CONSIDERED."

3. ACTION REQUESTED: INSTRUCTIONS TO RESPOND TO UK CONCERNING THEIR DRAFT MEMO.  
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## Message Attributes

**Automatic Decaptioning:** X  
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**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** ELECTRONIC EQUIPMENT, STRATEGIC TRADE CONTROLS, IL 1355, EXPORT LICENSES  
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**Decaption Note:**  
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**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 22 May 2009  
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**TAGS:** ESTC, CZ, US, COCOM  
**To:** STATE  
**Type:** TE  
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**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009